Author Index
Volumes 19 and 20

Aarons, L., 20:109
Akchurin, R.S., 20:143
Allegra, L., 20:307
al-Wathiqui, M.H., 20:85
Aravagiri, M., 19:63
Babbs, C.F., 20:335
Badylak, S.F., 19:293
Bambrick, L.L., 20:313
Baryla, U.M., 20:299
Bass, P., 19:213
Bernuau, D., 20:265
Bhattaharya, S., 20:323
Bianchi, M., 19:85
Biggs, D.F., 19:313
Bittner, S.E., 19:267
Black, E.W., 20:57
Bökesoy, T.A., 19:39
Bonta, I.L., 20:135
Bošković, B., 19:31
Braga, P.C., 20:307
Brater, D.C., 19:275
Brendel, K., 19:339
Brooks, H.L., 20:85
Brunel, S., 19:23
Brungs, H., 20:39
Burghardt, B., 20:237
Burghardt, C., 20:237
Burton, R., 20:103
Calignano, A., 19:89
Campbell, S.A., 20:329
Carey, F., 20:347
Carro-Ciampi, G., 19:75
Casacci, F., 20:161
Catlow, J., 20:151
Cerini, R., 20:265
Cerletti, C., 20:161
Četković, S., 19:31
Chapman, R.W., 19:165
Chatterjee, G.K., 20:323
Chaudhuri, S.K., 20:323
Chauvelot-Moachon, L., 20:15
Cirino, G., 19:89
Coleman, T.G., 20:95
Conte, B., 19:57
Conybeare, G., 19:109
Cowan, A., 20:175
Cruz, R.H., 19:185
Culpepper, B.T., 20:47
Danko, G., 19:165
D'Aranno, V., 19:57
Das, A.K., 20:323
Davis, M.H., Jr., 20:95
Doggrell, S., 19:93
Durlach-Misteli, C., 20:15
Early, K.J., 19:193
Ediss, C., 19:313
Edmonds, A.E., 20:347
Effeney, D.J., 19:205
Egan, J.W., 20:225
Eschalier, A., 19:175
Ezer, E., 20:279
Feng, Z.-P. 20:313
Fialip, J., 19:175
Fleming, S., 20:299
Forder, R.A., 20:347
Foster, R.W., 20:109
Furio, M., 19:57
de Gaetano, G., 20:161
Gandolfi, A.J., 19:339
Gerkens, J.F., 19:135
Girod, C., 20:265
Giroud, J.P., 20:15
Giuliani, S., 19:57
Gordon, T., 20:313
Griffin, H.E., 20:329
Griffiths-Johnson, D.A., 19:233
Griswold, D.E., 20:225
Gruber, P., 19:213
Guarneri, L., 20:161
Gumbleton, M., 19:185
Gunasegaram, S., 19:193
Gwilt, M., 20:151
Hadengue, A., 20:265
Hampson, E.C.G.M., 19:205
Harris, D.P., 20:103
Hartman, J.C., 20:85
Hasegawa, T., 19:155
Hawes, E.M., 19:63
Haworth, D., 20:347
Higgins, A., 20:151
Hill, D.E., 20:225
Hillegass, L.M., 20:225
Hollingsworth, M., 20:109
Howlett, S.E., 20:313
Hruby, V.J., 19:339
Hubbard, J.W., 19:63
Hughes, H.C., 20:329
Hui, K.Y., 20:79
Hunt, P.G., 19:75
Ilett, K.F., 20:187
Jacobson, H.R., 19:275
Janero, D.R., 20:237
Johnson, D.G., 19:339
Jongejan, R.C., 20:135
de Jongste, J.C., 20:135
Kasting, G.B., 20:197
Kawamoto, J.H., 19:149
Keith, I.M., 19:305
Kelly, M.E.M., 19:275
Kerrebijn, K.F., 20:135
Khalatov, V.Y., 20:143
King, R., 20:151
Kissinger, J.T., 20:329
Kitchen, I., 20:29
Klabunde, R.E., 19:293
Koshy, A., 20:265
Krieglstein, J., 20:39
Krumdieck, C.L., 19:339
Landi, M.S., 20:329
Lebrec, D., 20:265
Leslie, G.B., 19:109
Liberati, N.J., 19:219
Li, V.H.K., 19:213
Lubawy, W.C., 20:47
Maggi, C.M., 19:57
Manchanda, S.C., 20:255
Mancinelli, A., 19:57
Marks, G.S., 19:149
Marrannes, R., 19:1
Marty, H., 19:175
Maruyama, I., 19:155
Martynova, E.R., 20:143
McCarthy, M.M., 19:219
McDermott, M., 19:233
McKay, G., 19:63
McKee, R.L., 19:339
Medvedev, O.S., 20:143
Meli, A., 19:57
Memo, M., 19:263
Metzenauer, P., 19:355
Midha, K.K., 19:63
Minchin, R.F., 20:187
Missale, C., 19:263
Molinari, A., 20:161

Moncharont, L., 19:175
Momose, K., 19:155
de Montigny, C., 19:23
Moore, G.J., 20:207
Moore, M.D., 19:63
Morgan, C.H., 20:109
Morley, D., 19:319
Mousissian, G.K., 20:9
Murray, C.W., 20:175
Nakatsu, K., 19:149
Nakayama, M., 19:155
Nayar, U., 20:255
Nicholls, P.J., 19:185, 233
O'Brien, J.F., 19:149
Onaran, H.O., 19:39
Pacel, E., 20:161
Panerai, A.E., 19:85
Pento, J.T., 20:9
Persico, P., 19:89
Peruche, B., 20:39
Piercy, V., 20:125
Pöch, G., 19:47
Poehlman, E., 19:293
Poling, A., 20:169
Pond, S.M., 19:205
Porreca, F., 20:175
Raatgeep, H.R., 20:135
Rao, A.R.M., 19:117
Rao, T.S., 20:255
Rauw, G., 19:63
Re, L., 19:253
Reeves, P.T., 20:187
Reid, K.H., 19:1
Robineau, P., 19:127
Robinson, J.R., 19:213
Rosenthal, M.D., 20:293
Rovati, L.C., 19:85
Rozek, L.F., 19:267
Rubinstein, A., 19:213
Sacerdote, P., 19:85
Salaris, S.C., 20:335
Salyers, A.K., 19:267
Santamore, W.P., 19:319
Santicioli, P., 19:57
Sardessai, M.S., 19:63
Di Sarra, B., 19:253
Sastry, C.S.P., 19:117
Scanlon, M.N., 20:207
Schlinger, H., 20:169
Schoenlein, W., 19:293
Seth, S.D., 20:255
Sherratt, A.J., 20:47
Sinclair, J.G., 20:103
Smith, A., 20:109
Smith III, E.F., 20:225
Smith, P.A., 19:275
Snyder, D.W., 19:219
Sorrentino, D., 20:1
Spano, P.F., 19:263
Stanek, K., 20:95
Stanton, H.C., 20:299
Strada, S.J., 20:57
van Strik, R., 20:135
Stroman, F., 19:355
Tallet, F., 20:15
Taulbee, J.D., 20:197
Tenner, T.E., Jr., 19:193
Thompson, W.J., 20:57
Trivedi, D.B., 19:339
Trolese, J.F., 19:175
Tuncali, T., 19:39
Turek, J., 19:293
Turner, C.J., 19:75
Valerio, A., 19:263
Walsh, G.M., 19:267
Warltier, D.C., 20:85
Wauquier, A., 19:1
Weir, S.W., 19:243
Wells, P.G., 19:63
Weston, A.H., 19:243
Williams, C., 19:293
Williams, P.B., 20:293
Yeadon, M., 20:29
Yoshida, C., 19:155
de Zeeuw, D., 19:275
Zimmerman, I., 19:47

Subject Index
Volumes 19 and 20

Acetylcholine, 19:135
Action potentials, 20:151
Active secretion, 19:275
Additive dose-response curves, 19:47
Aerosol model, 19:219
Agonist, 19:193
Airway conductance measurement, 19:233
Airway resistance, 19:233
Airway smooth muscle, 20:125
Anagrelide, 20:299
Analgesia, 19:85; 20:175; 20:347
Ancylostoma ceylanicum, 20:323
Anesthesia, 20:95
Anesthetized cats, 20:255
Angiotensin antagonists, 20:207
Angiotensin receptors, 20:207
Antagonist, 19:193
Anthelmintics, in vitro screening of, 20:323
Antihistamine, 19:165
Antiinflammatory agents, 19:117
Antiinflammatory drugs, 20:279
Antinoceptive tests, 20:197
Antioxidant, 20:335
Antiplatelet drugs, 20:161
Antiulcer drugs, 20:279
Aortic prostacyclin, 20:47
Arrythmias, 19:127
Arterial pressure, 19:267; 20:299
Arterial thrombosis, 19:293
Ascorbate, increases "specific binding" of [^{3}H]pyrilamine to glass fiber filters, 20:293
Assay, 19:275
Author language, 20:109
β-adrenoceptors, 20:125
β-blocking activity, 19:93
Beer's law, 19:117
Beta adrenoceptors, 19:193
Beta-endorphin, 19:85
Bicuculline, 19:283
Biliary excretion of a pulse of labelled compounds, 20:1
Bipolar stimulator, 19:313
Bladder, 19:57
Blood flow distribution, 20:95
Blood-nicotine, 19:305
Blood vessels, 19:149
Bronchodilators, 19:165
Ca^{2+} influx and smooth muscle, 19:243
Ca^{++} channel blockers, 20:161
CAL lessons in pharmacokinetics, 20:109
Calcium, 20:9
Calcium fluxes, 19:263
cAMP, 19:339
Canine, 19:319
Canine model of arterial thrombosis, 19:293
Cardiac arrhythmias, 20:255
Cardiac electrophysiology, 20:151
Cardiac output, 19:267
Cardiotonics, 20:299
Cardiotonics in pigs and dogs, 19:355
Cardiovascular effects, 19:355
Carotid-jugular fistula, 19:205
Censored data, 20:197
Central nervous system pharmacology, 19:1
Centrifugal elutriation of rat gastric parietal cells, 20:57
Cephaloridine, 19:185
Chicken model, 20:79
Chronic cannulation, 19:85
Chronic pain, 20:175
Cigarette smoke condensate, 20:47
Clot detection, 20:79
Collateral circulation, 20:265
Comparison of bronchiolar strips and segments, 20:125
Computation of end-plate potentials, 19:253
Computer-assisted learning, 20:109
Computer automation, 19:253
Computer programs, 19:39
Concentration-response curve parameters, 19:39
Conscious rats, 19:127; 20:143
Conscious SHR, 19:267
Continuous monitoring, 20:1
Coronary artery stenosis, 20:85
Coronary physiology, 19:319
Creatine phosphokinase, 20:225
Crossed immunoelectrophoresis, 20:15
Cultured neurons for testing cerebroprotective drug effects in vitro, 20:39
Cyanide, 20:39
Cyclic flow reduction, 20:85
Cytometry, 19:57
Delipidated al-acid glycoprotein, 20:15
Detoxification, 19:31
Dog, 19:205; 19:355

Domestic pigs, 19:355
Drug actions, 19:1
Drug binding to delipidated AAG, 20:15
Drug delivery evaluation, 19:205
Drug disposition, 20:109
Duodenal/ileal administrations, 19:205
Duodenal transport in vitro, 20:9
Duodenum, 20:9
EGTA, 19:243
Electrocardiogram, 19:127
Electrochemical detection, 19:75
Electrophysiopharmacology, 19:253
Endothelium, 19:149
Endothelium-derived relaxing factor, 19:135
End-plate signals, 19:253
Energy metabolism, 20:39
Evaluating results of antinociceptive tests, 20:197
Extinction schedule, 20:169
Extracellular unitary recording, 19:23
Extrahepatic drug metabolism, 20:329
FACS analysis of gastric parietal cells, 20:57
Ferret, anesthetized, 20:299
Ferret inotropic model, 20:299
Fluphenazine, 19:63
Folin-Ciocalteu reagent, 19:117
Formalin test, 20:175
FPL55712, 19:219
Free radical screen, 20:335
GABA, 19:283
Gavage, 19:109
Glucose, 20:9
Glucose metabolism, 19:339
Gluconeogenesis, 19:185
Glutathione, 19:75
Graphic method, 19:47
Guinea pig skin, 19:89
Guinea pig tenia coli, 19:155
Guinea pigs, 19:165
Hamsters, 19:305
Hardened red blood cells, 20:161
Heart rate, 20:125
Hemoaccess, 19:205
Hemodialysis, 19:205
Hemodynamics, 20:85; 20:95; 20:265
Hemoperfusion, 19:205
Heterotopic heart transplantation, 20:143
Histamine, 20:293
Histamine aerosol, 19:165
Homogenate for CPK and MPO assay, 20:225
Homogentate preparation, 20:313
HPLC, 19:75; 19:275
Human bronchiolar segment, 20:125
Hydrogen ion secretion, 20:57
Hydroxyl radical, 20:335
Hypoxia, 20:39
IBMX and acid secretion, 20:57
ICYP, 19:193
Improved intestinal cannula for drug delivery studies in the dog, 19:205
In vivo pA_2, 20:29
Indomethacin, 19:275
Inflammation, 20:225
Inflammatory cell infiltration in rat cardiac tissue, 20:225
Infusion, 20:29
Intestinal cannula, 19:205
Intestinal transport, 20:9
Iron chelator, 20:335
Isolated adult mammalian spinal cord, 19:283
Isolated renal tubule fragments, 19:185
Isolation, 19:155
Isoproterenol, 19:267
K_B, 19:47
Lanthanum, 19:243
Leukotriene antagonists, 19:219
Leukotrienes, 20:347
Linoleic acid, 20:15
Lipids, 20:15
Lipoxygenase, 20:347
Liver, 19:31
Liver slice, 19:339
LT antagonists, 19:219
Luminal mucosa, in air, 20:307
LY171883, 19:219
Lyso-PAF, 19:89
Malondialdehyde, 20:335
Membrane stabilization, 19:93
Met-enkaphalin, 19:85
Methacholine, 20:125
Methsuximide, 20:169
Microcomputer, 20:109; 20:151
Microcomputer interface, 20:103
Microintophoresis, 19:23
Microsphere loss from rat myocardium, 20:143
Microspheres, 20:95
Microtility recorder, 20:23
Micturition, 19:57
Migraine, 19:1
Milrinone, 20:299
Model for human clot detection, 20:79
Model of pulmonary microembolism, 20:161
Modified method, 20:255
Monoclonal antibodies, 20:79
Mononuclear leukocytes, 19:193
Morphine, 19:85; 19:175
Multiple schedule, 20:169

Muscle, 20:313
Myeloperoxidase, 20:225
Myocardial blood flow, 20:143
Myocardial infarction, 20:225
Naxolone, 20:29
Nematospiroides dubius, 20:323
Nephrotoxicity, 19:185
Neuronal responsiveness, 19:23
Nicotine injection, 19:305
Nociception, 19:175; 20:103; 20:175
Nonlinear curve fitting, 19:39
On-line analysis, 20:151
Opioid receptors, 20:29
Oral dosing technique for rats, 19:109
Organ blood flow in the rabbit, 20:187
Organophosphorus compound, 19:127
Osmotic pumps, 20:47
Ouabain infusion, 20:255
Oxidized glutathione, 19:75
Oxygen toxicity, 20:335
$_pA_2$ of partial agaonists, 19:47
PAF antagonists, 20:237
Pain, 20:103
Para-aminohippuric acid, 19:185
Parietal cell cyclic nucleotide phosphodiesterases, 20:57
Pentobarbital, 20:39
Peptide hormone glucagon, 19:339
Peptide leukotrienes, 19:219
Perifused liver slices for glucose metabolism, 19:339
Perifusion, 19:339
PGI_2/TXA_2 formation via osmotic pumps in rats, 20:47
Pharmacodynamics, 20:347
Pharmacokinetics, 20:109
Phrenic nerve-diaphragm preparation in situ, 19:31
Pituitary glands, 19:263
Platelet-activating factor (PAF), 20:237
Platelet aggregation, 20:85
Platelet aggregation in stenotic arteries, 19:319
Platelet thromboxane, 20:47
Platelets, 19:319; 20:161
PLATO, 20:109
Plethysmography, 19:233
Polymorphonuclear leukocytes, 20:225
Portable in vitro bath, 20:307
Portacaval shunt, 20:329
Portal hypertension, 20:265
Portal-systemic collateral vascular resistance, 20:265
Portal systemic shunts, 20:265
Portal vein, 20:329
Positive inotropic, 20:299
Precision-cut, 19:339
Primary afferent depolarization, 19:283
Primary cultures of neurons, 20:39
Propranolol, 19:267; 20:15
Protein binding, 20:15
Pulmonary microembolism, 20:161
Pulse generator, 19:313
Pyrilamine, 20:293
Rabbit, 20:187
Rabbit MNL, 19:193
Radioactive microsphere technique, 20:143; 20:187
Radioimmunoassay, 20:347
Radioimmunoassay for fluphenazine sulfoxide, 19:63
Radioligand binding; 20:293; 20:313
Radioligand competitive binding methodology, 20:237
Rapid screening of potentially anthelmintic compounds, simple microtility recorder for, 20:323
Rat, 20:9
Rat aorta, 19:243
Rat left atria, 19:93
Rat portal vein, 19:243
Rats, 19:109; 19:175; 20:265
Receptor classification, 20:207
Reduced glutathione, 19:75
Refined mouse formalin test, 20:175
Regulation of parietal cell acid secretion, 20:57
Renal cortical slices, 19:185
Renal transport, 19:275
Reoxygenation, 20:335
Reperfusion, 20:335
Serum nicotine levels in hamsters, 19:305
SH step, role of, 20:279
Single smooth muscle cells, 19:155
Smoking, 19:305
Smooth muscle, 20:207
Soman, 19:31
S-oxidation, 19:63
Specific airway conductance (sGaw), 19:233
Specific binding, 20:237
Splanchic blood flow, 20:265
Spreading depression, 19:1
Stain, 19:149
Statistical methods, 20:197
Stimulator, 19:313
Strong acid, 20:279
Subacute ulcer model, 20:279
Sucrose-gap, 19:283
Superfusion apparatus, 19:263

Superoxide radical, 20:335
Thiobabituric acid, 20:335
Tail-flick, 20:103
Time course of behavioral action, 20:169
Thoracic gas volume (TGV), 19:233
Thrombolysis, 19:293
Thromboxane receptor antagonists, 20:85
Thrombus formation, 19:319
Tonic pain, 20:175
Unsubmerged trachea, 20:307
Urokinase, 19:293
Utyerine relaxation, 20:125
UV erythema, 19:89
Variable-interval schedule, 20:169
Vascular disease models, 20:85
Vasodilation, 19:135
Ventilatory responses to CO_2, 19:165
Ventricular function, 19:267
Vocalization, 19:175
Voiding of bladder, 19:57